

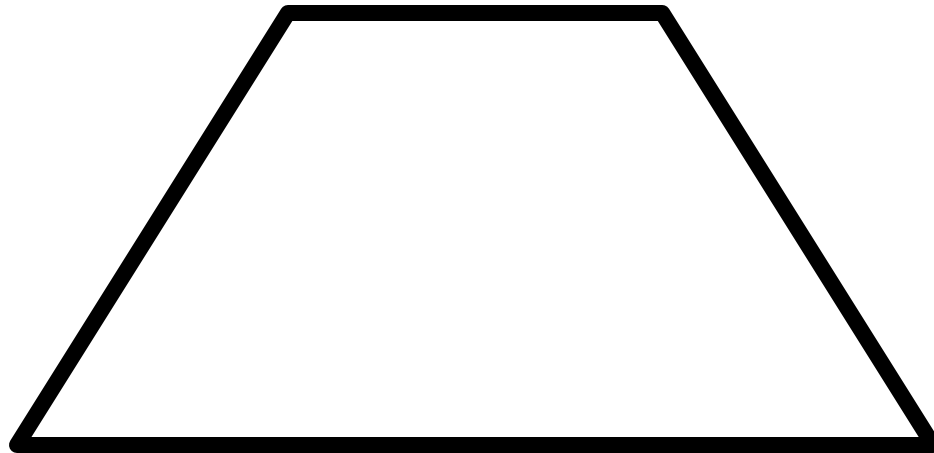
6.5

Trapezoids and Kites

Review

TRAPEZOID

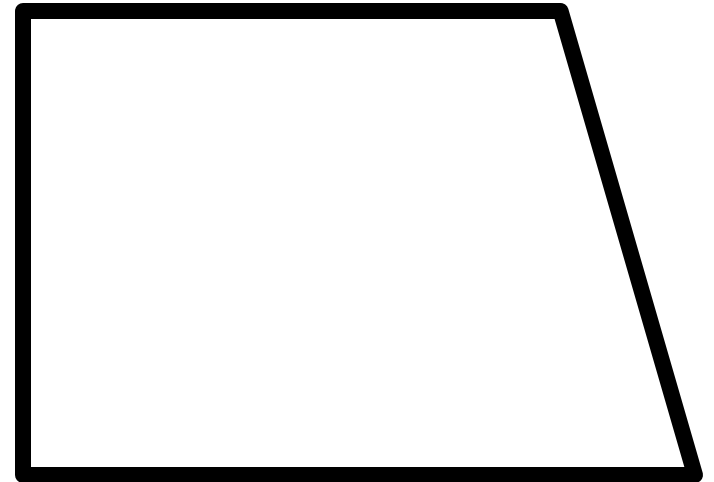
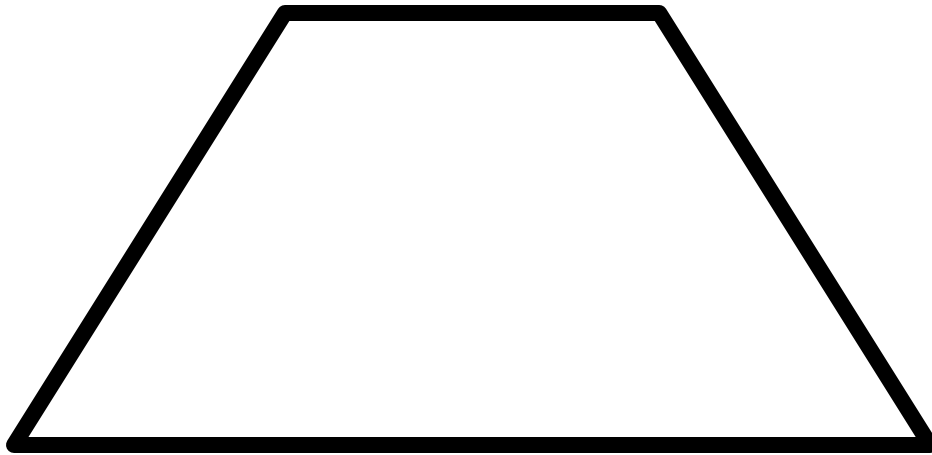
A quadrilateral with exactly one pair of parallel sides



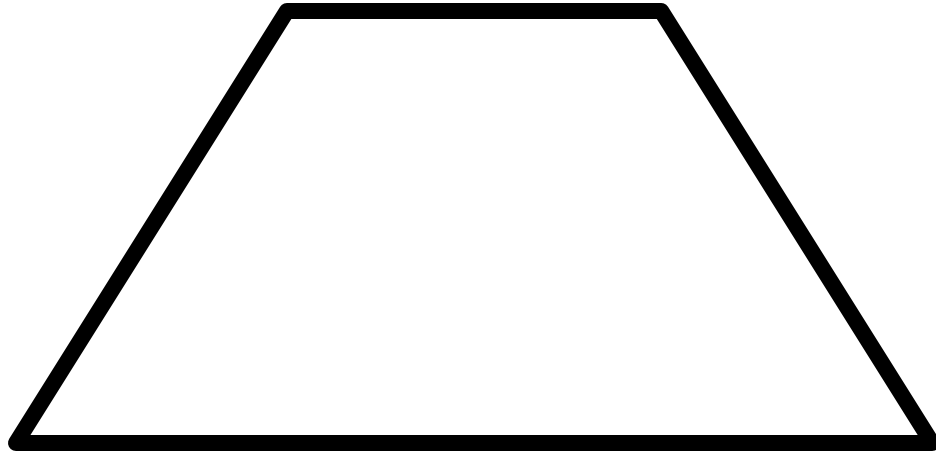
Review

TRAPEZOID

A quadrilateral with exactly one pair of parallel sides



OBSERVATIONS



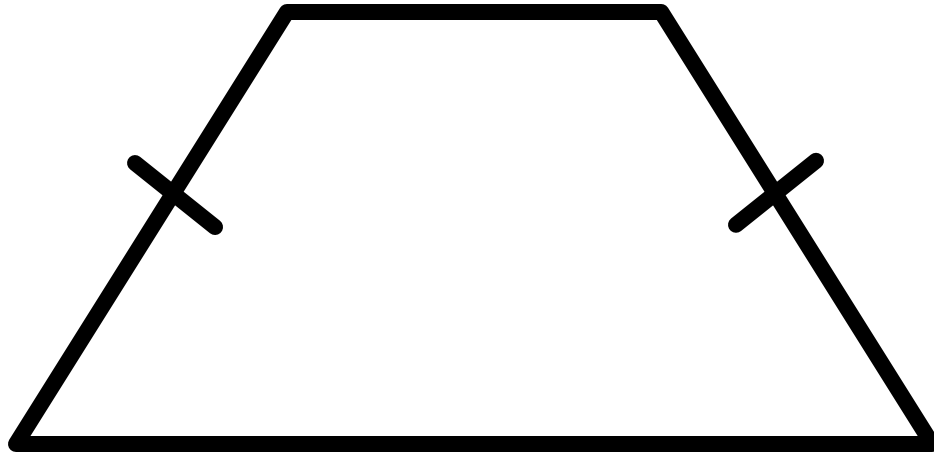
Trapezoid Consecutive Angle Theorem

Consecutive angles between bases are

_____ .



OBSERVATIONS



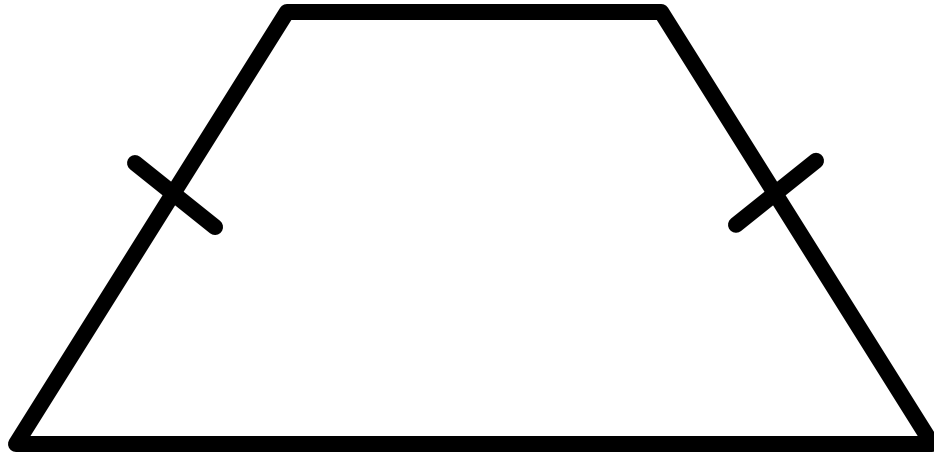
Isosceles Trapezoid Theorem



Base angles in an isosceles trapezoid are

_____ .

OBSERVATIONS



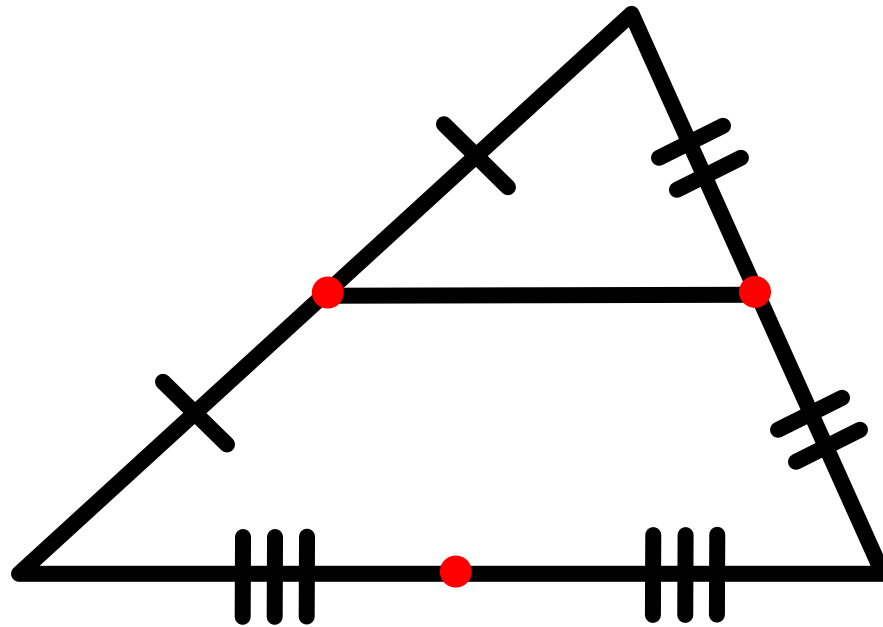
Isosceles Trapezoid Diagonals Theorem

_____ in an isosceles trapezoid are
_____ .

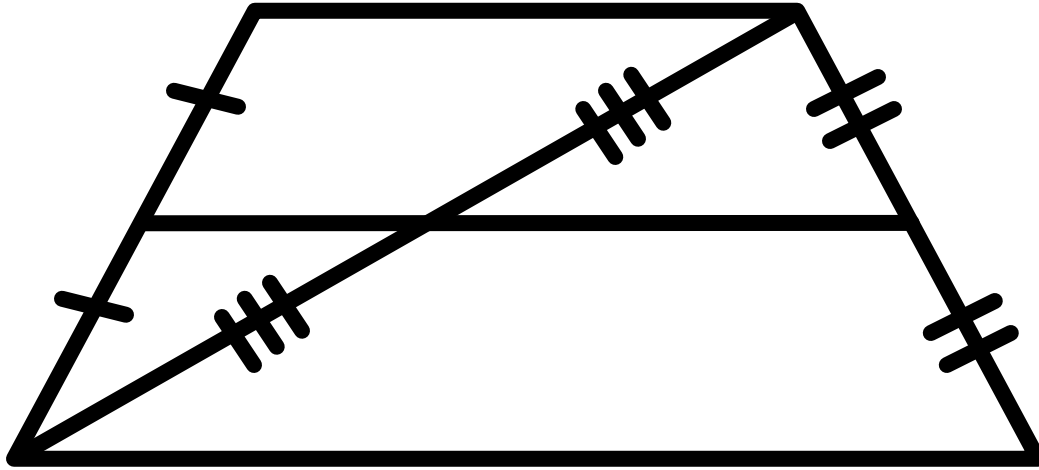
Review

MIDSEGMENT

A segment connecting the midpoints of two sides of a triangle



OBSERVATIONS



Trapezoid Midsegment Theorem

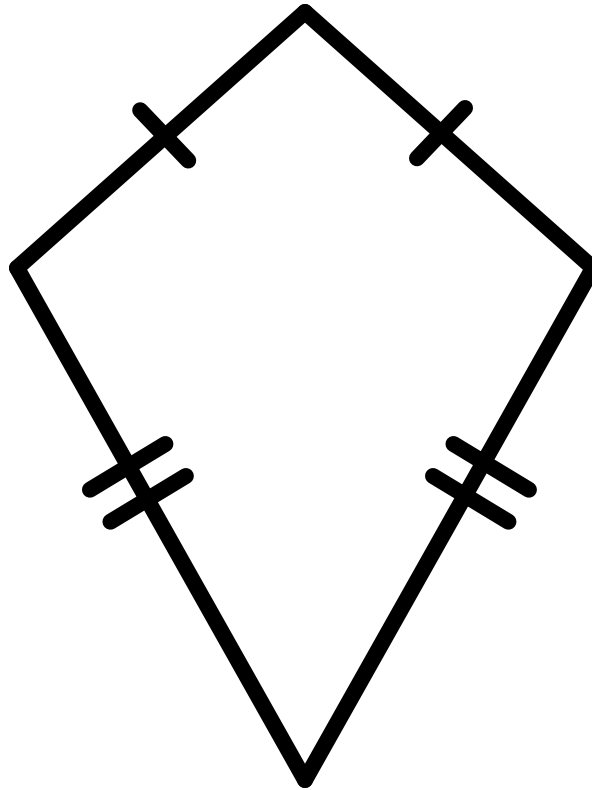


The _____ of a trapezoid is _____
to the bases and its length is the _____
of the two bases.

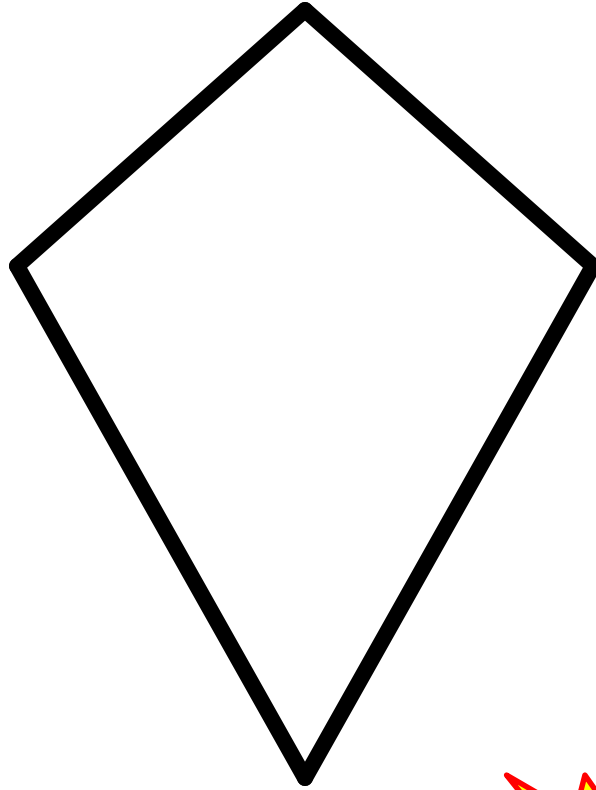
Review

KITE

A quadrilateral with exactly 2 pairs of distinct congruent consecutive sides



OBSERVATIONS

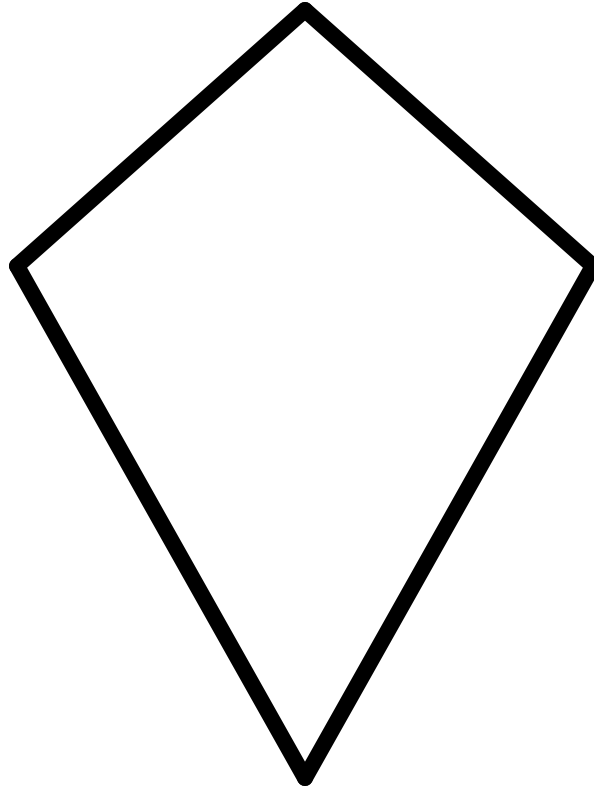


Kite Diagonals Theorem



Diagonals of a kite are _____ .

OBSERVATIONS

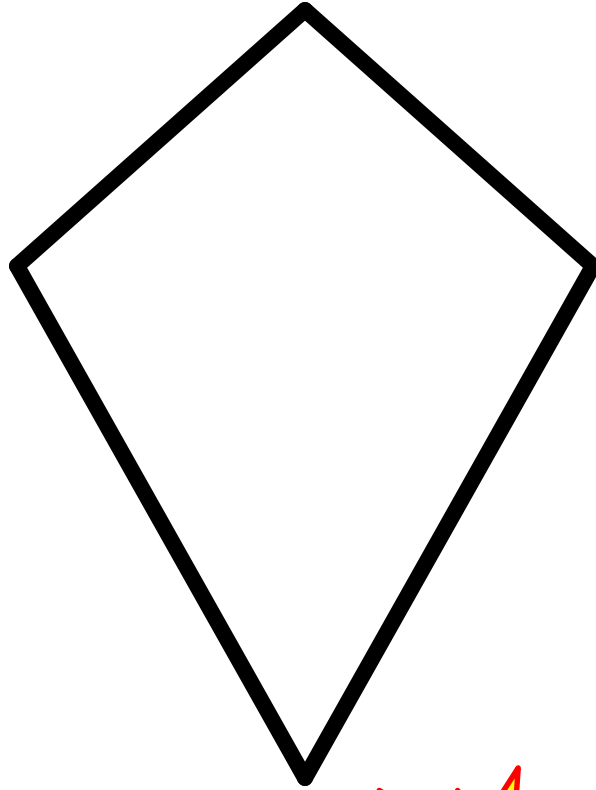


Kite Diagonal Bisector Theorem



The diagonal connecting the vertex angles
_____ the non-vertex angle diagonal

OBSERVATIONS

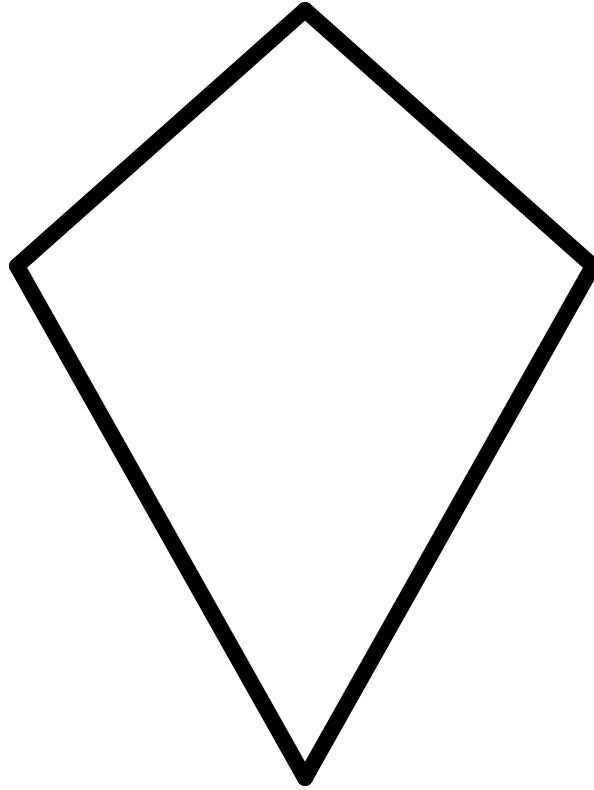


Kite Angles Theorem



Non-vertex angles of a kite are _____ .

OBSERVATIONS



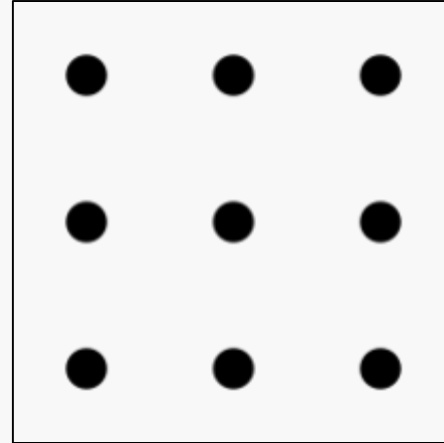
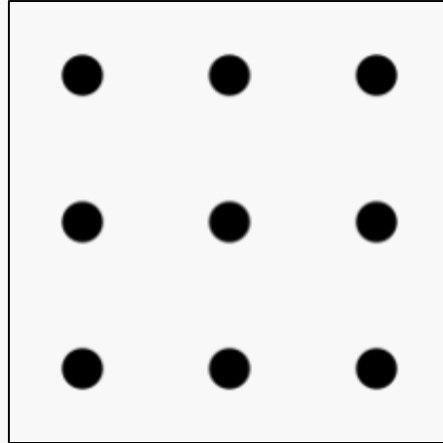
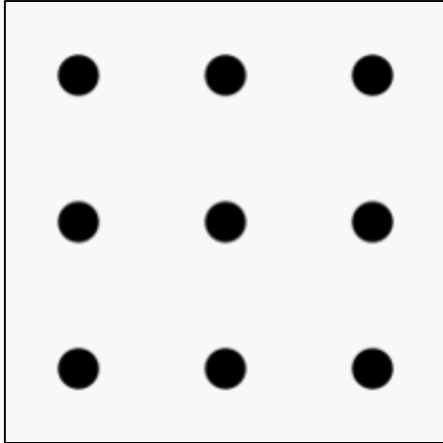
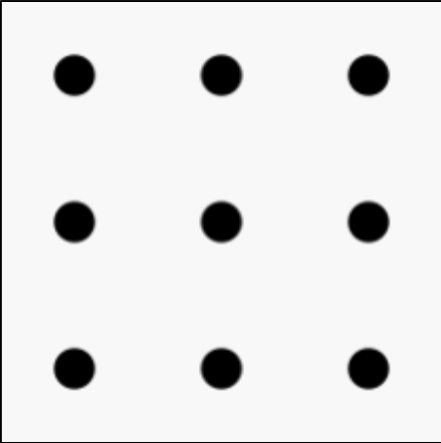
Kite Angle Bisector Theorem

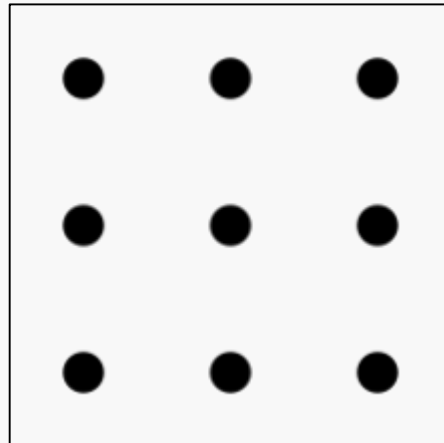
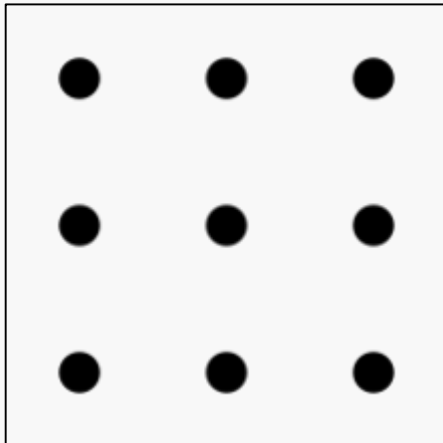
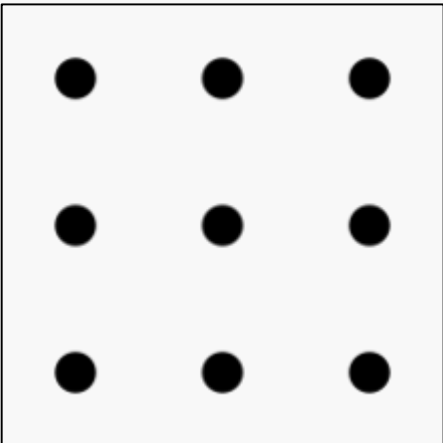
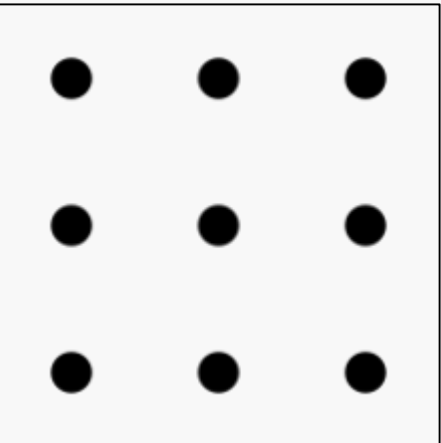


The vertex angles of a kite are _____ by
the vertex diagonal

Challenge

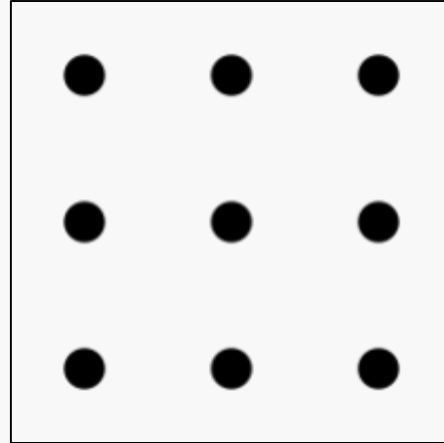
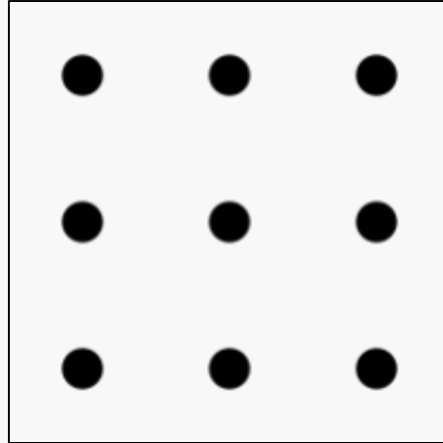
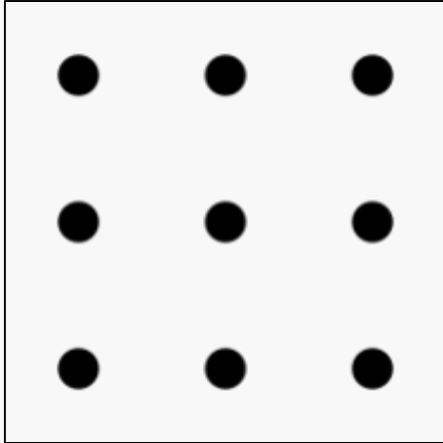
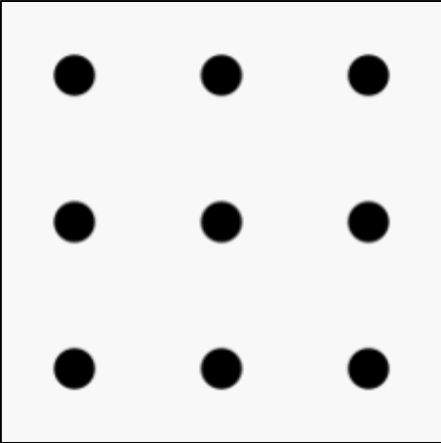
Try to draw as many non-congruent quadrilaterals as you can by connecting the dots. After drawing each, identify the type of quadrilateral that it is.

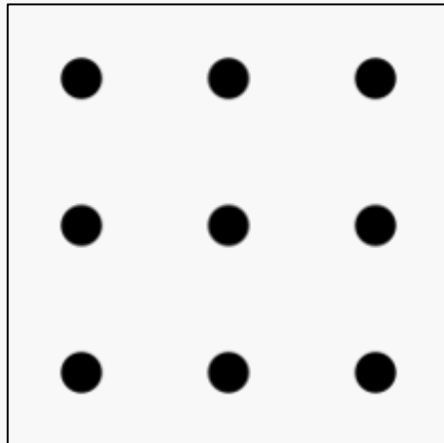
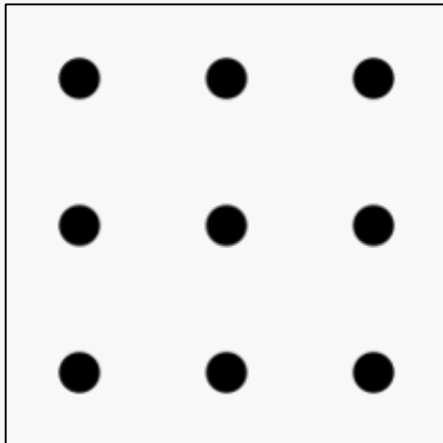
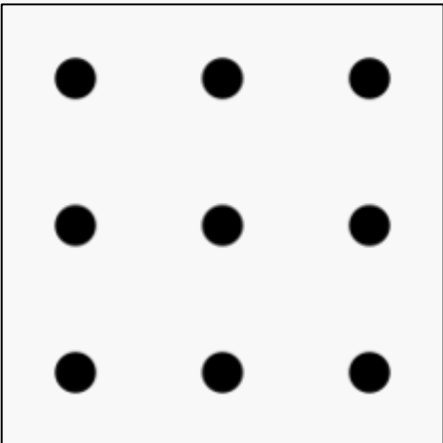
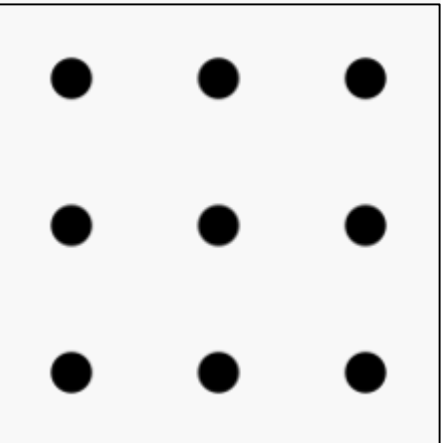




Challenge

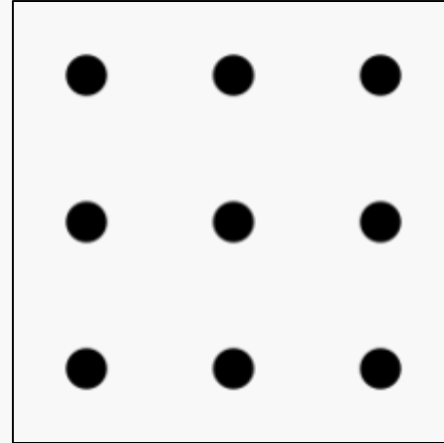
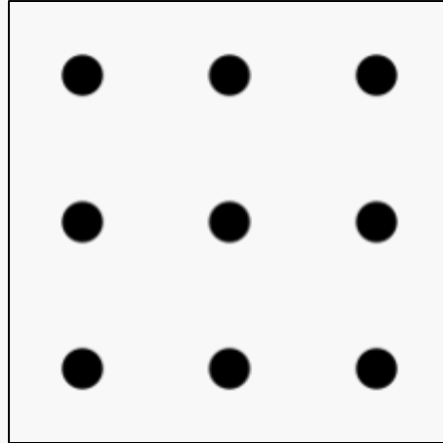
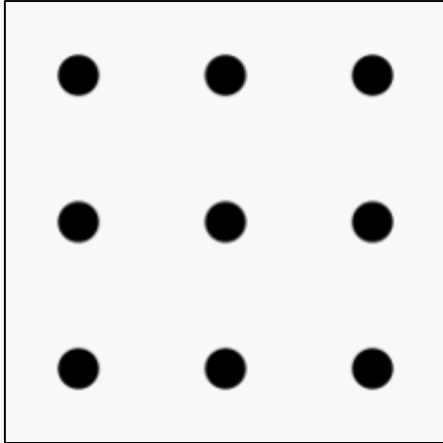
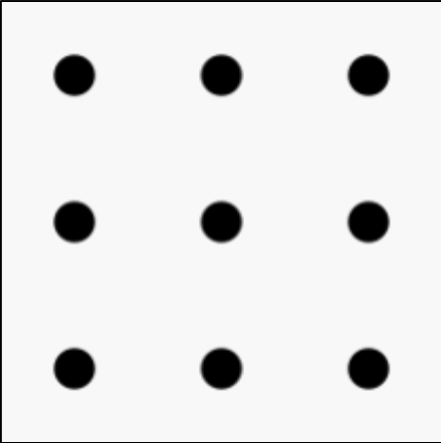
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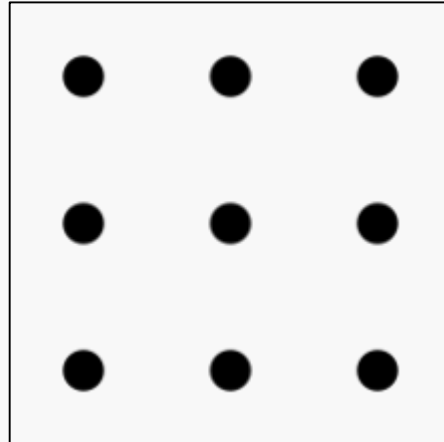
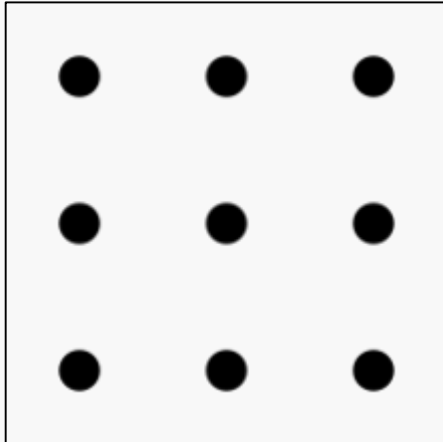
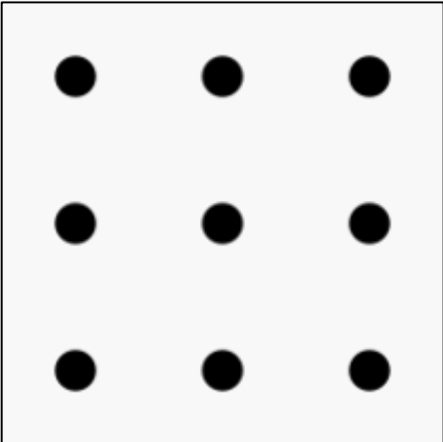
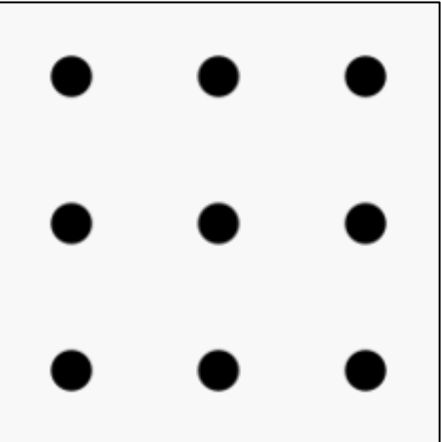




Challenge

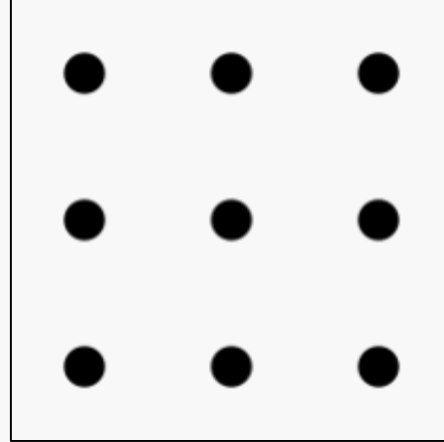
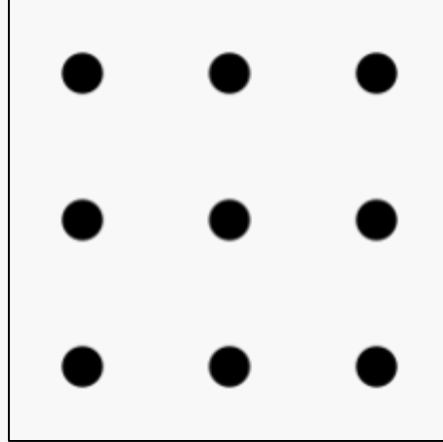
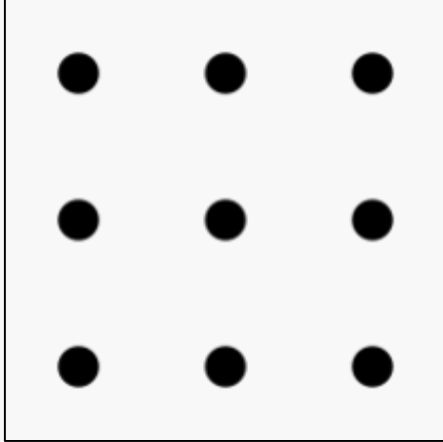
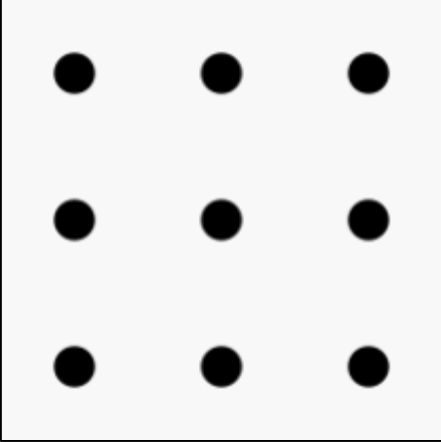
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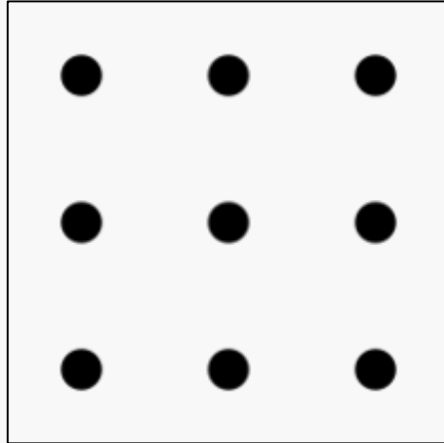
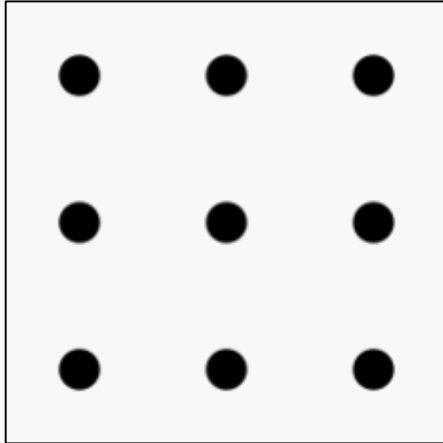
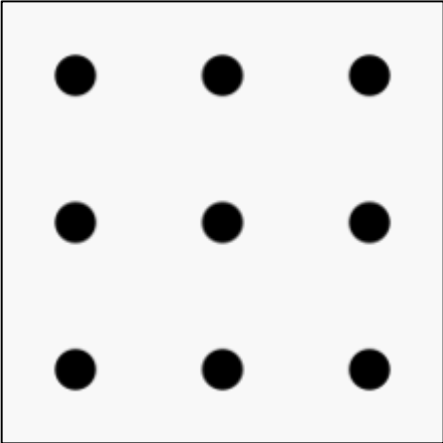
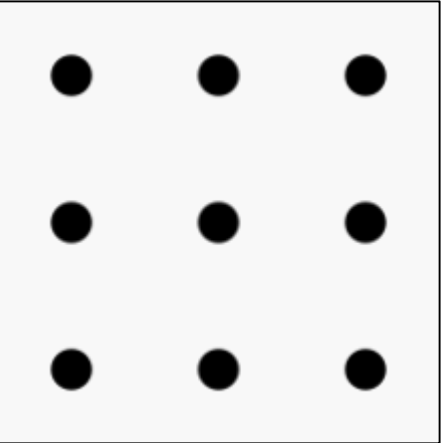




Challenge

Try to draw as many non-congruent quadrilaterals as you can by connecting the dots. After drawing each, identify the type of quadrilateral that it is.





Challenge

Try to draw as many non-congruent quadrilaterals as you can by connecting the dots. After drawing each, identify the type of quadrilateral that it is.

